

Application No. 10/722,951  
April 2, 2007

AMENDMENTS TO THE CLAIMS

1-7. (Cancelled).

8. (Previously Presented). A package material comprising  
a paperboard substrate,  
a primer applied to said substrate, wherein the primer is ammonium  
catalyzed, self-cross linking copolymer of ethylene-vinyl acetate with  
N-methylol acryl amide functional groups attached to a polymer  
backbone wherein said primer has a coat weight of 0.1-0.5 lbs./ream,  
a polyester coating applied to said primed substrate, said coating  
having a coat weight of at least 12 lbs./ream.

9. (Previously Presented). The packaging material of claim 8, wherein  
said coating is polyethylene terephthalate.

10-18. (Cancelled).

19. (Previously Presented). The method of forming a packaging  
material comprising  
providing a paperboard substrate,  
applying a primer to said substrate, and  
applying a polyester coating to said primed substrate with a coat  
weight of up to 12 lbs/ream, wherein  
said polyester coating is extruded onto said substrate at a line speed of  
800-1200 feet per minute.

20. (Previously Presented). The method of claim 19, wherein said  
coating is polyethylene terephthalate.

21. (Previously Presented). The method of claim 19, wherein  
said primer is an ammonium catalyzed, self-cross linking copolymer  
of ethylene-vinyl acetate with N-methylol acryl amide functional group  
attached to a polymer backbone.

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22. (Previously Presented) The method of claim 19, further comprising flame treating said substrate.
23. (Previously Presented) The method of claim 19, further comprising water misting said substrate.
24. (Previously Presented) The method of claim 23, wherein water is misted at 0.01 to 0.1 lbs/ream.
25. (Previously Presented) The method of claim 19, further comprising a clay coating on said substrate.
26. (Previously Presented) The method of claim 19, wherein said polyester coating has a coat weight of 10 lbs/ream.
27. (Previously Presented) The method of claim 19, wherein said coat weight is 10 lbs/ream.
28. (Previously Presented) The method of claim 19, wherein said primer is epoxy modified polyolefin tie resins.
29. (Previously Presented) The packaging material of claim 8, wherein said paperboard substrate is clay coated.
30. (New) The packaging material of claim 8, wherein said paperboard substrate is clay coated and said polyester coating comprises polyethylene terephthalate.
31. (New) The method of Claim 19, further comprising coating said paperboard substrate with a clay coating and wherein said polyester coating comprises polyethylene terephthalate.